

TYAN

Innovative Internet Platforms

Tiger i7501X S3022

Integrated Gigabit
and Fast Ethernet
support

ATI® RAGE XL PCI
graphics controller

Two independent
64-bit 133/100/66
PCI-X slots

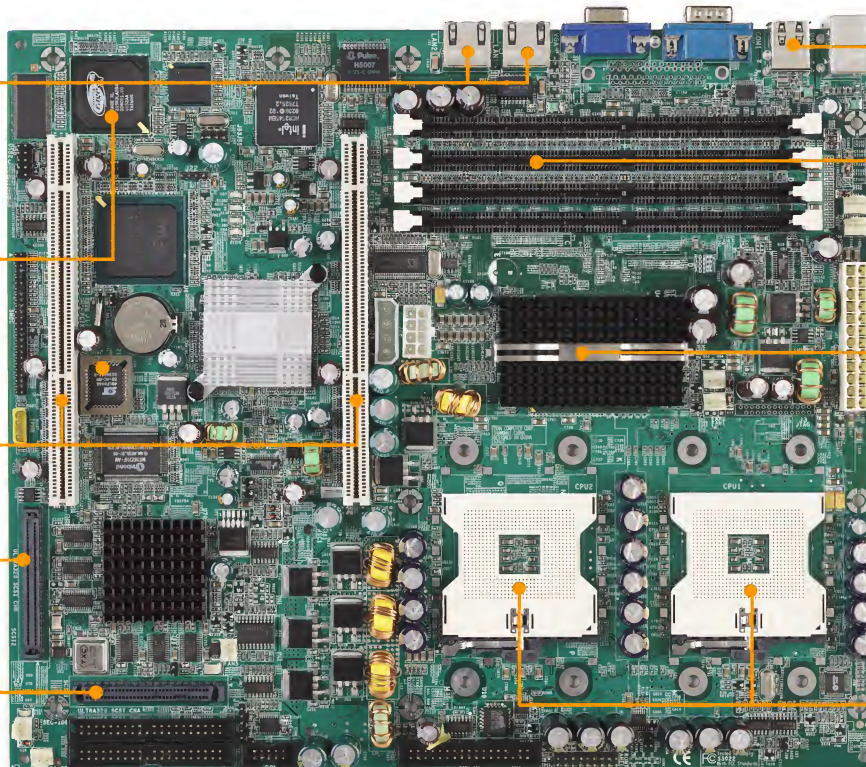
Two 68-pin SCSI
connectors; dual
Ultra320 SCSI channels

Dual USB ports

Dual-channel
Registered
DDR266/200

Intel® E7501
chipset

Dual Intel® Xeon™
processors with
533/400MHz FSB



Ideal Server for Versatility

- Up to two Intel® Xeon processors with 533MHz FSB for productivity
- Convenient EPS12V/ATX12V universal power compatibility
- Ultra320 SCSI and Zero Channel RAID support
- Built-in Gigabit/Fast Ethernet for flexible network applications
- ATX form factor (10.25" x 12") for a wide variety of chassis



S3022

Processor

- Dual mPGA604 ZIF socket
- Supports up to two Intel® Xeon processors
- Onboard VRM (VRM 9.1 spec)
- Front-Side Bus support for 533/400MHz

Chipset

- Intel® E7501 chipset
- MCH + ICH3 + P64H2 + FWH
- Winbond™ W83627HF Super I/O chip
- Winbond™ W83782D hardware monitoring

Memory

- Four 184-pin 2.5V DDR DIMM sockets, two angled DIMMs for 1U rackmount chassis (optional)
- Supports up to 8GB of Registered DDR266/200
- Dual Channel Memory Bus
- Supports ECC type Memory Modules

Expansion Slots

- Three PCI/PCI-X buses
- Two independent 64-bit 133/100/66MHz (3.3V) PCI-X slots

Integrated I/O

- One floppy connector supports up to two drives
- Two 9-pin serial connectors (one via cable)
- One 25-pin ECP/EPP/SPP parallel connector (via cable)
- Four USB 1.1 ports (two rear connectors, two via headers)
- PS/2 mouse and keyboard connectors

System Management

- Total seven 3-pin fan headers
- Six fan headers with tachometer monitoring
- One 2-pin chassis intrusion header
- Temperature, voltage, and fan monitoring
- Watchdog timer

Integrated PCI IDE

- Provides two PCI bus master channels for up to four Enhanced IDE (EIDE) devices
- Support for UDMA-100/66/33 IDE drives and ATAPI-compliant devices

Integrated Graphics Controller

- ATI® RAGE XL PCI graphics controller
- 8MB frame buffer of video memory

Integrated LAN Controllers

- Intel® 82545EM Gigabit Ethernet Controller
 - One RJ-45 LAN connector with LEDs
 - Connected to a PCI-X bus
- Intel® 82551QM Fast Ethernet Controller
 - One RJ-45 LAN connector with LEDs

Integrated SCSI Controller

- LSI® LSI53C1030 SCSI controller
 - Dual Ultra320 SCSI Channels
 - Two 68-pin SCSI connectors
- Supports Zero Channel RAID (LSI® Logic MegaRAID® SCSI 320-0 ZCR)

BIOS

- AMI™ BIOS 8.0 on 4Mbit Flash ROM
- LAN remote boot (PXE) and SMBIOS v2.3 support
- BIOS Boot Specification v3.1 (BBS) support
- Auto Configuration of IDE hard disk types

Form Factor

- ATX Footprint (10.25" x 12.0", 260.35mm x 304.5mm)
- 8-Layer Design
- ATX12V/EPS12V Power Connectors
- RJ-45 LAN (two) connector with LEDs
- VGA connector (one), Serial connector (one)
- Stacked USB (two) connectors
- Stacked PS/2 keyboard and mouse connectors

Regulatory

- FCC Class B (Declaration of Conformity)
- European Community CE

TIGER

TYAN

For further information on TYAN products, please visit our website: www.tyan.com

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